Atty. Docket No.: 30287-117 Express Mail Label No.: EV292299460US

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applica	tion of:	)
	Steven A. MOORE	)
Serial No.:	To be assigned	)
Filed:	December 29, 2003	)
For:	ULTRA-WIDEBAND PULSE MODULATION SYSTEM AND METHOD	)

San Diego, California December 29, 2003

MAIL STOP PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT

## Dear Sir or Madam:

In accordance with 37 C.F.R. § 1.56, Applicant makes the documents listed on the enclosed form PTO/SB/08 (submitted in duplicate) of record in the above-identified application. In accordance with 37 C.F.R. § 1.97, this statement is not to be construed as a representation that a search has been made, and is not a representation that the information cited is effective as prior art to the application or is material to patentability.

## CERTIFICATE OF EXPRESS MAILING

I hereby certify that this correspondence, and anything being referred to as enclosed herein, is being deposited with the United States Postal Service via Express Mail Post Office to Addressee Label No. EV292299460US, with sufficient postage in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

Date: December 29, 2003

By: Ducon P. Questin

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The documents listed on the enclosed form PTO/SB/08 were cited in earlier application Serial No. 10/294,021. Therefore, in accordance with 37 C.F.R. § 1.98(d), copies of the

documents listed on the enclosed form PTO/SB/08 are not enclosed.

It is respectfully requested that the documents listed on the enclosed form PTO/SB/08 be (1) fully considered by the U.S. Patent and Trademark Office in the examination of the above-identified application; and (2) printed on any patent which may issue on this application. It is also respectfully requested that a copy of the enclosed form PTO/SB/08, as considered and initialed by the Examiner, be returned to the undersigned with the next communication in

accordance with M.P.E.P. § 609.

This Information Disclosure Statement is filed within three months of the filing date of the above-identified application, pursuant to 37 C.F.R. 1.97(b). Therefore, it is believed that no fee is required in connection with this submission. In the event that a fee is required, please charge our Deposit Account No. 50-2298, in the name of Luce, Forward, Hamilton & Scripps LLP.

Respectfully submitted,

12.29.03

Date

Peter R. Martinez, Reg No. 42,845

Attorney for Applicant(s)

% LUCE, FORWARD, HAMILTON & SCRIPPS LLP 11988 El Camino Real, Ste. 200

> San Diego, California 92130 Telephone No.: (858) 720-6300

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Compl t if Kn wn Substitute for form 1449A/PTO To be assigned **Application Number** INFORMATION DISCLOSURE December Filing Date First Named Inventor Steven A. Moore STATEMENT BY APPLICANT Art Unit To be assigned (use as many sheets as necessary) Examiner Name To be assigned 30287-117 **Attorney Docket Number** of 3 Sheet

		U.S. PATI	ENT DOCUMENTS	
Examiner Initials	Cite No. 1 Number - Kind Code <sup>2</sup> (if known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	US- 6,373,377	04-16-2002	Sacca et al.	
	us- 6,281,784	08-28-2001	Redgate et al.	
·····	US- 6,178,217	01-23-2001	Defries et al.	
	US- 6,163,873	12-19-2000	Murano	
,	us- 6,041,051	03-21-2000	Doshi et al.	
	US- 6,040,759	03-21-2000	Sanderson	
	us- 6,031,862	02-29-2000	Fullerton et al.	
	us- 6,026,125	02-15-2000	Larrick, Jr. et al.	
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	US- 5,940,387	08-17-1999	Humpleman	
	US- 5.937.342	08-10-1999	Kline	
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	US- 5,745,837	04-28-1998	Fuhrmann	
	us- 5,729,607	03-17-1998	DeFries et al.	
	us- 5,687,169	11-11-1997	Fullerton	
*************	US- 5.677,927	10-14-1997	Fullerton et al.	
	us- 5,586,145	12-17-1996	Morgan et al.	
	us- 5,554,968	09-10-1996	lee	

		FORE	IGN PATENT D	OCUMENTS		
Examiner Initials	Cite No.1	Foreign Patent Document  Country Code 3 -Number 4 - Kind Code 4 (# known)	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τē
		WO 02/31986 A2	04-18-2002	Xtremespectrum, Inc.		
		WO 01/93434 A2	12-06-2001	Xtremespectrum, Inc.		
		WO 01/39451 A1	05-31-2001	Multispectral Solutions, Inc.		
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INFO	RMATION	DIS	SCLOSURE	Filing Date	December 29, 2003
STAT	<b>TEMENT B</b>	Y A	PPLICANT	First Named Inventor	Steven A. Moore
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			U.S. PAT	ENT DOCUMENTS	
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		US- 5,526,349	06-11-1996	Diaz et al.	
	l	us- 5,519,400	05-21-1996	McEwan	
,		us- 5,491,463	02-13-1996	Sargeant et al.	
		US- 5,363,108	11-08-1994	Fullerton	
		us- 5,166,890	11-24-1992	Smischny	
		US- 5,146,616	09-08-1992	Tang et al.	
		us- 5,051,720	09-24-1991	Kittirutsunetorn	
		US- 4,979,186	12-18-1990	Fullerton	
		US- 4,864,589	09-05-1989	Endo	
		US- 4,815,106	03-21-1989	Propp et al.	
		US- 4,813,057	03-14-1989	Fullerton	E,
		US- 4,743,906	05-10-1988	Fullerton	
		US- 4,641,317	02-03-1987	Fullerton	
		US- 4,427,982	01-24-1984	Caprio	
		US- 3,728,632	04-17-1973	Ross	
		us- 3,678,204	07-18-1972	Harmuth	
		US- 3,668,639	06-06-1972	Harmuth	
		US 2002/0076193 A1	06-20-2002	Melick et al.	
		US- 2002/0075972 A1	06-20-2002	Richards et al.	
	l	US- 2001/0033610 A1	10-25-2001	Chastain	

FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No. 1	Foreign Patent Document  Country Code 3 - Number 4 - Kind Code 5 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	те	
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	(use as many she	ets a	s necessary)	Examiner Name	To be assigned
Sheet	3	of	3	Attorney Docket Number	30287-117

Examiner Initials	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	т
		LEEPER, DAVID G., "Wireless Data Blaster," Scientific American, May 2002, pgs. 64-69, Scientific American, Inc., United States of America	
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			U.S. PATE	NT DOCUMENTS	
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	<del>                                     </del>	US- 6,373,377	04-16-2002	Sacca et al.	
		us- 6,281,784	08-28-2001	Redgate et al.	
<del></del>	<del> </del>	us- 6,178,217	01-23-2001	Defries et al.	
		US- 6,163,873	12-19-2000	Murano	
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·	1	us- 6,031,862	02-29-2000	Fullerton et al.	
<del></del>	†	US- 6,026,125	02-15-2000	Larrick, Jr. et al.	
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	1	US- 5,940,387	08-17-1999	Humpleman	
	1	US- 5.937.342	08-10-1999	Kline	
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		US- 5,862,141	01-19-1999	Trotter	
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	<b>-</b>	US- 5.745.837	04-28-1998	Fuhrmann	
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Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τ6
	WO 02/31986 A2	04-18-2002	Xtremespectrum, Inc.		<del> </del>
	WO 01/93434 A2	12-06-2001	Xtremespectrum, Inc.	<u> </u>	ļ
	WO 01/39451 A1	05-31-2001	Multispectral Solutions, Inc.		<del> </del>
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	Cite No.1	Country Code 3 - Number 4 - Kind Code 8 (# Innown)  WO 02/31986 A2  WO 01/93434 A2	Country Code3 -Number4 - Kind Code4 (# known)	County Code3 -Number4 - Kind Code4 (# known)   Publication Date   MM-DD-YYYY   Applicant of Cited Document	Cite Name of Patente or Applicant of Cited Document   Courty Code3 -Number <sup>4</sup> - Kind Code <sup>5</sup> (# known)   WO 02/31986 A2

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STATEMENT BY APPLICANT				First Named Inventor	Steven A. Moore			
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Examiner Initials No. 1 Cite No. 1 Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the article (when appropriate), title of the article (when appropriate), volume-issue number(s) publisher city and/or country where published				
	LEEPER, DAVID G., "Wireless Data Blaster," Scientific American, May 2002, pgs. 64-69, Scient American, Inc., United States of America			
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